Amendments to the Claims

The following listing of the claims will replace all prior versions, and listings of the claims in the application:

Listing of Claims

1. (Amended) An image forming apparatus, comprising:

a medium-width detector that detects a width of a page of print medium; and

a controller that controls said medium-width detector to detect the width of the page of print medium ~~upon detection of~~ only after a printing operation has been activated and after a predetermined condition has been detected.

2. (Amended) The image forming apparatus according to Claim 1, wherein the predetermined condition is a ~~when a printing operation is performed for a first time after~~ power up of the image forming apparatus, ~~said controller controls said medium-width detector to detect the width of the page of print medium~~.

3. (Amended) The image forming apparatus according to Claim 1, wherein the predetermined condition is that ~~when~~ print data has not been received for a predetermined time length after a last reception of the print data ~~, said controller controls said medium-width detector to detect the width of the page of print medium~~.

4. (Amended) The image forming apparatus according to Claim 1, wherein the predetermined condition is failure of ~~when a printing operation is performed for a first time after~~ transport of the print medium ~~occurs, said controller controls said medium-width detector to detect the width of the page of print medium~~.

5. (Original) The image forming apparatus according to Claim 4, wherein the failure of transport of the print medium is caused by absence of print medium.

6. (Original) The image forming apparatus according to Claim 4, wherein the failure of transport of the print medium is caused by abnormal transport of print medium.

7. Canceled

8. (Amended) The image forming apparatus according to Claim 1, wherein the predetermined condition is that ~~when~~ a print job is received~~, said controller controls said medium-width detector to detect the width of a first page of print medium in the print job~~.

9. (Amended) The image forming apparatus according to Claim ~~1~~15, wherein when printing is performed on a following page of two consecutive pages of print medium, said controller controls said medium-width detector to detect the width of the following page if the following page has a size different from a preceding page of the two consecutive pages of print medium.

10. (Amended) The image forming apparatus according to Claim ~~1~~15, wherein when printing is performed on a following page of two consecutive pages of print medium, said controller controls said medium width detector to detect the width of the following page if the ~~print~~ printing is performed on the following page in a direction different from a preceding page of the two consecutive pages of print medium.

11. Canceled

12. (New) The image forming apparatus according to Claim 1, further comprising:

a print head that moves in a direction of the width of the page of print medium; and

a sensor mounted on said print head, wherein when said sensor detects the page of print medium, said sensor outputs a detection signal, wherein said medium-width detector causes said print head to move in the direction of the width of the page of print medium to detect the width of the page of print medium based on the detection signal.

13. (New) The image forming apparatus according to Claim 1, wherein said controller holds a plurality of conditions, and the predetermined condition is selected from among the plurality of conditions.

14. (New) The image forming apparatus of Claim 13, wherein one of the plurality of conditions is detected on a page-by-page basis.

15. (New) An image forming apparatus comprising:

a medium-width detector that detects a width of a page of print medium; and

a controller that controls said medium-width detector to detect the width of the page of print medium upon detection of a switching of a medium feeding mode.

16. (New) The image forming apparatus according to Claim 15, wherein the page of print medium is fed from one of a plurality of medium-feeding positions located along a transport path of the page of print medium; and

wherein the switching of the medium feeding mode is that a medium feeding position is switched from a first one of the plurality of medium-feeding positions to a second one of the plurality of medium-feeding positions.

17. (New) The image forming apparatus according to Claim 15, wherein the changing of the medium feeding mode is a switching of a size of print medium.

18. (New) The image forming apparatus according to Claim 15, wherein the changing of the medium feeding mode is a switching of a direction in which printing is performed on the medium.

19. (New) An image forming apparatus, comprising:

a medium-width detector that detects a width of a page of print medium; and

a controller that controls said medium-width detector to detect the width of the page of print medium when a printing operation has been activated for a first time after a changing of control of printing operation is detected.

20. (New) An image forming apparatus, comprising:

a plurality of cassettes that hold print medium therein;

a medium-width detector that detects a width of a page of the print medium held in said plurality of cassettes;

a cassette selecting section, said cassette selecting section selecting a cassette that holds a print medium that should be printed on;

a cassette-selection detecting section that detects when said cassette selecting section switches from a first one of said plurality of cassettes to a second one of said plurality of cassettes; and

a controller that controls said medium-width detector, wherein said controller controls said medium-width detector to detect the width of a first page of print medium supplied from the second one of said plurality of cassettes in accordance with a detection result of said cassette-selection detecting section.